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FAX COVER SHEET

TO	{U.S. Patent & Trademark Office} via j2
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FAX NUMBER	15712738300
FROM	Salvatore Arrigo
DATE	2008-02-01 21:27:18 GMT
RE	09/225,233

COVER MESSAGE

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**PATENT
Customer No. 76,392**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Campbell et al.) Group Art Unit: 1632
)
Application No. 09/225,233) Examiner: D. Crouch
)
Filed: January 4, 1999) Confirmation No.: 2711
)
For: Quiescent Cell Populations for)
Nuclear Transfer)

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent & Trademark Office, Fax No. (571) 273-8300 on 2/1/2008.

By: _____

Salvatore J. Arrigo
Registration No. 46,063
Telephone: 202.772.7701
Facsimile: 888.866.4907
E-mail: sal@arrigo.us

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Campbell et al.) Group Art Unit: 1632
)
Application Nos.:) Examiner: D. Crouch
)
09/225,233 (filed 01/04/1999))
11/543,786 (filed 10/06/2006))
)
For: Quiescent Cell Populations for)
Nuclear Transfer)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**REVOCATION OF POWER OF ATTORNEY
STATEMENT UNDER 37 C.F.R. § 3.73(b)
CORRESPONDENCE ADDRESS CHANGE
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in the patent applications identified above, hereby revokes all previous powers of attorney or authorization of agent granted in these applications before the date of execution hereof.

The undersigned verifies that Roslin Institute (Edinburgh) is the assignee of the entire right, title, and interest in the patent applications identified above by virtue of an assignment from the inventors to Roslin Institute (Edinburgh), recorded in the U.S. Patent and Trademark Office at Reel 8622, Frames 0299-0300 (copy attached); an assignment from Roslin Institute (Edinburgh) to the Roslin Institute (Edinburgh), the Ministry for Agriculture Fisheries and Food ("MAFF"), and the Biotechnology and

Biological Sciences Research Council ("BBSRC"), recorded in the U.S. Patent and Trademark Office at Reel 9219, Frames 0945-0951 (copy attached); and an assignment from Roslin Institute (Edinburgh), the Secretary of State for Environment, Food & Rural Affairs acting through the Department for the Environment, Food & Rural Affairs, formerly known as MAFF, and the BBSRC to the Roslin Institute (Edinburgh), recorded in the U.S. Patent and Trademark Office at Reel 017336, Frame 0136 (copy attached).

The undersigned representative of the assignee hereby grants its power of attorney to the patent practitioners associated with **Law Office of Salvatore Arrigo, Customer Number 76,392**, to prosecute these applications and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please change the correspondence address for the above-identified applications to the address associated with Customer No. 76,392.

Dated: 15 March 2008By: Name: MALCOLA RAISMANTitle: DIRECTOR OF FINANCEAssignee: Roslin Institute(Edinburgh)

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JUL 29 1997

08-07-1997

FORM PTO-100
FILE

DOCKET NO.: 2980-404



100505082

RECEIPT ACCTING DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies) Keith Henry Sackman CAMPBELL and Ian WILLIOT</p> <p>MRD 07-29-97</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>		<p>2. Name and address of receiving party(ies) Name: Roslin Institute (Edinburgh) Internal Address: Street Address: Roslin City: Midlothian EH12 9PS, State/Country: GREAT BRITAIN, ZIP: Additional name(s) & address(es) attached? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	
<p>3. Nature of conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: May 23, 1997 </p>			
<p>4. Application number(s) or patent number(s) If no document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): 08/002,282, filed February 10, 1997 B. Patent No(s): Additional numbers attached? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> </p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed Name: LOWE PRICE LEBLANC & BECKER Internal Address: Street Address: 994 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP: 22314 </p>		<p>6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.11) \$40 (in) <input type="checkbox"/> Enforced <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 12-2237 </p>	
DO NOT USE THIS SPACE			
<p>9. Statement and Signature I, the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Robert L. Price 22,685 Name and Registration No. of Person Signing Signature: <i>Robert L. Price</i> Date: July 29, 1997 Total number of pages comprising cover sheet: 1 </p>			

PATENT
REEL: 8622 FRAME: 0299

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Serial No. 1980 001

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

1. Keith Henry Stockman Campbell
2. Ian Whitton

do hereby make a certain new and avel invention, hereby set forth and transfer unto:

Roslyn Institute of Edinburgh, Roslyn, Midlothian EH25 9PS, Great Britain

its successors and assigns hereinafter designated "ASSIGNEE" the entire right, title and interest for the United States of America as defined in 35 U.S.C. 101 in the invention entitled:

QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER

for which an application for United States Letters Patent was filed on February 19, 1997 and identified by United States Serial No. 08 802 282, or

for which an application for United States Letters Patent was executed on May 22 1997

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue an and a United States Letters Patent which may be granted therefor and any and all extensions, divisions, renewals, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. The undersigned agree that the attorney of record in said application shall hereafter act on behalf of said ASSIGNEE.

AND the undersigned hereby agree to transfer a like interest and to render all necessary assistance in making application for and obtaining original, divisional, renewed or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated beside our signatures

INVENTORS

DATE SIGNED

1. Name: Keith Henry Stockman Campbell
2. Name: Ian Whitton
3. Name:
4. Name:
5. Name:
6. Name:

May 22 1997

RECORDED: 07/29/1997

PATENT
REF: 8623 FRAME 0300

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06-10-1998

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RECORDATION

IT

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeFOR 4 PTO-1500
1-31-92

DOCKET NO.: 2980-004

PATENTS ONLY

To the Honorable Commissioners of Patents and Trademarks: Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

ROSLIN INSTITUTE (EDINBURGH)

2. Name and address of receiving party(ies):

Name: Roslin Institute (Edinburgh)

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Street Address: Roslin

City: Midlothian EH25 9PS State/Country: GREAT BRITAIN ZIP:

Execution Date: March 26, 1998 and April 7, 1998

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s). 08/803,282, filed February 19, 1997

B. Patent No(s).

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gilberto M. Villacorta, PEPPER HAMILTON LLP

Internal Address:

Street Address: 1300 Nineteenth St., N.W.

City: Washington, D.C.

State:

ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0436

06/08/1998 DR:JUYEN 00000167 500436 08803282

01 FC:58

40.00 CH

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gilberto M. Villacorta 34 038

Name and Registration No. of Person Signing

Signature

May 29, 1998

Date

Total number of pages comprising cover sheet: 2

CIB No. 0851-0011 (exp. 4/94)

Document # 71087

PATENT
REEL: 9219 FRAME: 0945

DOCKET NO.: 2980-004

Continuation of Recordation Cover Sheet, Item # 2:

**The Minister of Agriculture, Fisheries and Food
Notel House
17 Smith Square
London, SW1P 3JR**

**Bio-technology and Biological Sciences Research Council
Polaris House
North Star Avenue
Swindon, SN2 1UH**

**PATENT
REEL: 9219 FRAME: 0946**

PATENT ASSIGNATION

by

(1) ROSLIN INSTITUTE (EDINBURGH),

in favour of

**ROSLIN INSTITUTE (EDINBURGH); THE MINISTER OF AGRICULTURE,
FISHERIES AND FOOD; and BIOTECHNOLOGY and BIOLOGICAL SCIENCES
RESEARCH COUNCIL**

1998


**Wright Johnston & Mackenzie
Solicitors
12 St Vincent Place
Glasgow G1 2EQ**

(Ref: A00020016/KMC/JCH)

**PATENT
REEL: 9219 FRAME: 0947**

PATENT ASSIGNATION

by

- 
- (1) **ROSLIN INSTITUTE (EDINBURGH)**, incorporated under the Companies Acts as a company limited by guarantee with registered number 157100 and having its registered office at Roslin, Midlothian, EH25 9PS ("the Assignor")

in favour of

- (2) **ROSLIN INSTITUTE (EDINBURGH)**, incorporated under the Companies Acts as a company limited by guarantee with registered number 157100 and having its registered office at Roslin, Midlothian, EH25 9PS and **THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD** of Nobel House, 17 Smith Square, London, SW1P 3JR acting through the Ministry of Agriculture, Fisheries and Food; and **BIOTECHNOLOGY and BIOLOGICAL SCIENCES RESEARCH COUNCIL**, whose principal office is at Polaris House, North Star Avenue, Swindon, SN2 1UH (collectively referred to as "the Assignees")

WHEREAS

- (A) The Assignor is the proprietor of the Patent Applications set out in the Schedule annexed and executed as relative hereto (the "Patent Applications");
- (B) The Assignor has agreed to assign the Patent Applications to the Assignees; and
- (C) The Assignees have agreed to hold the Patent Applications and any granted patents issuing from such applications subject to a Co-Ownership Agreement to be entered into of even date herewith by the parties to this Agreement.

NOW IT IS HEREBY AGREED as follows:-**1. Assignment**

The Assignor hereby assigns to the Assignees as joint owners the entire right, title and interest of the Assignor in and to the Patent Applications and any patents or other similar forms of protection granted pursuant to the Patent Applications together with the right to recover and to take all such proceedings as may be necessary for the

PATENT
REF.: 9219 FRAME: 0948

2

recovery of damage and other forms or relief in respect of all infringements of the Patent Applications whether taking place before or after the date of this Assignment.

2. Further Assurance

Each party agrees generally to sign, seal, execute and deliver all documents, deeds, licences and agreements and to do all acts and things which may be required or may be deemed necessary that any party for giving effect to this Assignment including, without limitation, entry into instruments confirmatory of such rights for registration with appropriate authorities anywhere in the world.

3. Governing Law

This Agreement shall be governed by Scots Law and the parties agree to submit to the non exclusive jurisdiction of the Scottish Courts: IN WITNESS WHEREOF these presents consisting of this and the preceding page together with the Schedule annexed hereto are executed as follows:-

Subscribed for and on behalf of BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL by Scott McGregor Lawrie their duly authorised signatory at London on 26th March 1998 before the following witness:-

Witness: Justine A Strong
Full Name: JUSTINE ANN STRONG
Address: 12, ST VINCENT PLACE
GLASGOW
Occupation: TRAINER SOLICITOR

Scott McGregor Lawrie
Authorised Signatory

Subscribed for and on behalf of THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD by Dr Anthony Richard Burne, duly authorised signatory at London on 26th March 1998 before the following witness:-

Witness: Marglyn Wicks
Full Name: MRS. MARYLYN WICKS
Address: ST. CHRISTOPHER HOUSE
SOUTHWARK ST, LONDON
Occupation: CIVIL SERVANT.

Dr Anthony Richard Burne
Authorised Signatory

PATE

REF.: 9219 FRAME: 0949

3

Subscribed for and on behalf of ROSLIN INSTITUTE (EDINBURGH) by Professor
Grahame John Bulfield, Director and Chief Executive, at Roslin on 7th April
1992 before the following witness:-

Witness: Clare A. Noh

Full Name: C. LEBB ARTHUR NEWSON

Address: 12 ST VINCENT PLACE

GLASGOW

Occupation: SOLICITOR



PATENT
REEL: 9219 FRAME: 0950

This is the Schedule referred to in the Assignment by (1) Roslin Institute (Edinburgh) in favour of (2) Roslin Institute (Edinburgh); The Minister of Agriculture, Fisheries and Food; and Biotechnology and Biological Sciences Research Council

1. Inactivated Oocytes and Cytoplasm Recipients for Nuclear Transfer (MAGIC)

Filing Date	Priority Date	Country	Application No
30 th August 1996	31 st August 1995	International	PCT/GB96/02098
30 th August 1996	31 st August 1995	South Africa	96/7383
30 th August 1996	31 st August 1995	USA	08/803,165

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

2. Quiescent Cell Populations for Nuclear Transfer (Quiescence)

Filing Date	Priority Date	Country	Application No
30 th August 1996	31 st August 1995	International	PCT/GB96/02099
30 th August 1996	31 st August 1995	South Africa	96/7390
30 th August 1996	31 st August 1995	USA	08/802,282

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

Scott W. Hartley

Alma

RECORDED: 03/29/1998

PATENT
REEL: 9219 FRAME: 0951

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 21, 2006

PTAS
FINNEGAN, HENDERSON, FARABOW, GARRETT &
LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

700250393A

700250393A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/14/2006

REEL/FRAME: 017336/0136
NUMBER OF PAGES: 10BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 9960.0002-02ASSIGNOR:
ROSLIN INSTITUTE (EDINBURGH)

DOC DATE: 06/30/2003

ASSIGNOR:
SECRETARY OF STATE FOR
ENVIRONMENT, FOOD & RURAL
AFFAIRS

DOC DATE: 06/30/2003

ASSIGNOR:
BIOTECHNOLOGY AND BIOLOGICAL
SCIENCES RESEARCH COUNCIL
(BBSRC)

DOC DATE: 05/22/2003

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PAGE 003/008

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017336/0136 PAGE 2

ASSIGNEE:

ROSLIN (EDINBURGH)

ROSLIN

MIDLOTHIAN, EH25 9PS, UNITED
KINGDOM

SERIAL NUMBER: 08802282

FILING DATE: 02/19/1997

PATENT NUMBER: 6147276

ISSUE DATE: 11/14/2000

TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER IN THE PRODUCTION
OF NON-HUMAN MAMMALS AND NON-HUMAN MAMMALIAN EMBRYOS

SERIAL NUMBER: 08803165

FILING DATE: 02/19/1997

PATENT NUMBER: 6252133

ISSUE DATE: 06/26/2001

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF NUCLEI FROM
QUIESCENT AND NON-QUIESCENT CELLS WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09225233

FILING DATE: 01/04/1999

PATENT NUMBER:

ISSUE DATE:

TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09658862

FILING DATE: 09/08/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09650194

FILING DATE: 08/29/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09650285

FILING DATE: 08/29/2000

PATENT NUMBER: 6525243

ISSUE DATE: 02/25/2003

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF QUIESCENT CELL
NUCLEI WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09973701

FILING DATE: 10/11/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989125

FILING DATE: 11/21/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989128

FILING DATE: 11/21/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989126

FILING DATE: 11/21/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10118337

FILING DATE: 04/09/2002

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TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

017336/0136 PAGE 3

SERIAL NUMBER: 10151304 FILING DATE: 05/21/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10151305 FILING DATE: 05/21/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10190611 FILING DATE: 07/09/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10190617 FILING DATE: 07/09/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10234854 FILING DATE: 09/05/2002
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10914161 FILING DATE: 08/10/2004
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10915338 FILING DATE: 08/11/2004
PATENT NUMBER: ISSUE DATE:
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10909845 FILING DATE: 08/03/2004
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 11068903 FILING DATE: 03/02/2005
PATENT NUMBER: ISSUE DATE:
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 08802282 FILING DATE: 02/19/1997
PATENT NUMBER: 6147276 ISSUE DATE: 11/14/2000
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER IN THE PRODUCTION
OF NON-HUMAN MAMMALS AND NON-HUMAN MAMMALIAN EMBRYOS

SERIAL NUMBER: 08803165 FILING DATE: 02/19/1997
PATENT NUMBER: 6252133 ISSUE DATE: 06/26/2001
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF NUCLEI FROM
QUIESCENT AND NON-QUIESCENT CELLS WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09650285 FILING DATE: 08/29/2000

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PAGE 005/008

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TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF QUIESCENT CELL
NUCLEI WHILE MAINTAINING CORRECT PLOIDY

017336/0136 PAGE 4

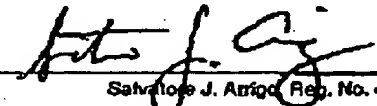
SHAREILL COLES, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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RECORDING COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 0960.0002-02 Attorney Customer Number: 22,852	
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): (1) Roslin Institute (Edinburgh) (Dated: June 30, 2003)		2. Name and address of receiving party(ies): Name: Roslin (Edinburgh)	
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No See Attachment A		Internal Address: Roslin	
3. Nature of conveyance:		Street Address:	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Midlothian, EH25 9PS	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: The United Kingdom	Zip Code: [Text]
<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached?	
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Execution Date: [Date(s)]: (1) June 30, 2003 (2) June 10, 2003 (3) May 22, 2003			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: [Type appropriate information]			
A. Patent Application Number(s): 08/802,282 08/803,185		B. Patent Number(s): 6,147,276 6,262,138 6,625,243	
Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		See Attachment B	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 23	
Name:		7. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & OUNNER, L.L.P.		<input type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)	
Street Address: 801 New York Avenue, N.W.		<input checked="" type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State: Zip: 20001-4418		8. Deposit Account No.: 06-0916	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Signed: 		3/14/06 Date	
Salvatore J. Arrigo, Reg. No. 48,063			
Total number of pages including cover sheet, attachments and documents:		10	

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3/21/06 5:26

PAGE 007/008

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1. (continued) Attachment A: Additional Conveying Parties

- (2) Secretary of State for Environment, Food & Rural Affairs (Dated: June 10, 2003)**
("The Secretary of State") acting through the
Department for the Environment, Food & Rural Affairs ("DEFRA")
formerly known as the Ministry for Agriculture Fisheries and Food ("MAFF")
- (3) Biotechnology and Biological Sciences Research Council ("BBSRC")**
(Dated: May 22, 2003)

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3/21/06 5:26 PAGE 008/008 Fax Server

4. (continued) Attachment B Patent Application Nos.

A. U.S. Patent Application/Serial No.

08/225,233
09/658,882
09/650,194
09/650,285
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